**Chemical Bonding Presentation DUE DATE: 11/20/14**

*Create a presentation using the Keynote or Prezi App that describes the different types of chemical bonding and the unique properties of substances that display those chemical bonds.*

**\*This assignment will be completed in groups of 2-3\***

**Your presentation must be on the different types of chemical bonding and the unique characteristics of substances that have those types of chemical bonds.**

**\*\*Looking for a 3-5 minute presentation \*\***

**Furthermore, your presentation must include the following components:**

* Chemical and physical properties of substances from each type of chemical bonding: covalent, ionic, and metallic bonding
* A detailed description of the specifics of how each chemical bond forms; this must included a discussion on behavior of electrons and the types of elements involved with formation of each type of chemical bond
* An in-depth discussion on 3 notable substances from each type of chemical bonding (for a total of nine substances discussed: 3x covalent, 3x ionic, and 3x metallic)

**\*\* A minimum of three outside sources must be cited from your research for your presentation. The source must be either a .org, .edu, or .gov website. No Wikipedia!\*\***

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|  | **1-4 points** | **5-8 points** | **9-10 points** |
| **Presentation Format** | **Presentation was poorly formatted; little thought went into designing the presentation** | **Presentation was well formatted; it was obvious much thought went into designing the presentation** | **Presentation format was outstanding; presentation was a professionally polished work product** |
| **Chemical Bond Descriptions** | **The different types of rocks and their properties were poorly described; much information was missing about the differences in chemical bonds** | **The different types of chemical bonds and their properties were adequately described; some information was missing about the different kinds of chemical bonds** | **The description of the different types of chemical bonds was outstanding; extra information was provided on the unique properties of different types of chemical bonds** |
| **Substance Examples** | **Either too few examples and/or minimal discussion on unique characteristics/properties on each substance** | **Three examples for each type of chemical bonding were included, but only with minimal discussion on unique characteristics/properties on each substance** | **Three examples for each type of chemical bonding were included and and in-depth discussion on unique characteristics/properties on each substance was provided** |
| **Sources** | **No sources cited = 0**  **Too few of sources used with reference page= 1-4**  **Reference page and in-text citations with less than minimum required sources= 4** | **Reference page included, but minimal in-text citations used in presentation** | **Proper in-text citations were used throughout presentation, with a reference page** |
| **TOTAL Points possible** |  |  | **40 points total** |